

CLAIMS

1. A body fluid suction reservoir comprising a flexible bag, two plates for supporting the bag, and a spring put between the two plates, characterized in that

the body fluid suction reservoir further comprises a lock constituted by a hook, a release part, and a member different from the two plates, by which lock the spring is held in a compressed state between the two plates, the held state being able to be released.

2. The body fluid suction reservoir according to claim 1, wherein the lock is flexible, and is held by one of the plates so as to be deformable from a first state in which the hook engages with the other plate to a second state in which the hook is not engaged, and the hook is urged so as to be in the first state.

3. The body fluid suction reservoir according to claim 2, wherein the hook moves in parallel with a surface of the one plate while the lock deforms from the first state to the second state.

4. The body fluid suction reservoir according to any one of claims 1 to 3, wherein parts of the plates are protruded in a direction opposite to a direction of pushing the release part, in at least two locations around the release part of the lock.

5. The body fluid suction reservoir according to any one of claims 1 to 4, wherein an engagement surface

of the hook of the lock is provided with a portion protruding toward an engagement surface of the one plate on a tip side of the engagement surface of the hook, and the engagement surface of the one plate is provided with a portion protruding toward the engagement surface of the hook on a hole side of the engagement surface of the one plate.

6. The body fluid suction reservoir according to any one of claims 1 to 5, characterized by comprising two or more springs arranged in a straight line in a longitudinal direction of the body fluid suction reservoir.

7. The body fluid suction reservoir according to any one of claims 1 to 6, wherein the bag comprises a fluid evacuate port, a lid for the fluid evacuate port, and a suspension hole, and the lid for the fluid evacuate port is provided with a holding part by which the lid is held by the suspension hole.

8. A body fluid suction reservoir comprising:
a bag element having a fluid collecting port for taking in body fluid;

a first plate and a second plate arranged in the bag element so as to face each other;

an elastic member disposed between the first plate and the second plate; and

a lock body attached to the second plate,
wherein

the lock body comprises a hook part and an

operation part for displacing the hook part,

the hook part is adapted to engage with a hook engagement surface of the first plate to fix the first plate and the second plate, so that the elastic member is compressed and held between the first plate and the second plate, and

the operation part is operated to displace the hook part in parallel with a surface of the second plate, so that fixing of the first plate and the second plate are released to generate negative pressure in the bag element.

9. The body fluid suction reservoir according to claim 8, characterized in that the lock body is elastically deformable, a part of the lock body is fixed to the second plate, thereby the operation part is operated so as to displace at least the hook part in parallel with the surface of the second plate, and the hook part returns to an initial position after the operation.

10. The body fluid suction reservoir according to claim 8 or 9, characterized in that at least one of the first plate and the second plate comprises a cutout portion, and the operation part is located in the cutout portion or in correspondence with the cutout portion, so as to be positioned inside an outline of the body fluid suction reservoir.

11. The body fluid suction reservoir according to any one of claims 8 to 10, wherein

the first plate comprises a first shell part forming a part of an outline of the body fluid suction reservoir, and a core part provided on a side of the shell part facing the second plate,

the second plate comprises a second shell part forming a part of the outline of the body fluid suction reservoir, and

at least a part of the lock body is located on a side of the second shell part facing the core part, so that the elastic member is compressed and held by the core part and at least the part of the lock body.

12. The body fluid suction reservoir according to claim 11, wherein the core part and the lock body are harder than the first shell part and the second shell part.

13. The body fluid suction reservoir according to any one of claims 8 to 10, wherein

the first plate comprises a first shell part forming a part of an outline of the body fluid suction reservoir, and a first core part provided on a side of the first shell part facing the second plate,

the second plate comprises a second shell part forming a part of the outline of the body fluid suction reservoir, and a second core part provided on a side of the second shell part facing the first plate,

the hook engagement surface is configured by a surface of the first core part located on an opposite

side to the second plate, and

the elastic member is compressed and held by the first core part and the second core part.

14. The body fluid suction reservoir according to claim 12, wherein the first core part and the second core part are harder than the first shell part and the second shell part.

15. The body fluid suction reservoir according to claim 8, wherein the lock body comprises at least two hook parts.

16. The body fluid suction reservoir according to claim 8, wherein the elastic member is a spring.

17. The body fluid suction reservoir according to claim 14, comprising at least two springs arranged in a straight line between the first plate and the second plate.

18. The body fluid suction reservoir according to claim 8, wherein

the bag element comprises a fluid evacuate port for evacuating the body fluid, a lid for the fluid evacuate port, and a suspension hole or a holding part attachment hole, and

the lid for the fluid evacuate port is provided with a holding part to be held by the suspension hole or the holding part attachment hole.